

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. Appln. No. 09/519,881

REMARKS

This amendment, submitted in response to the Office Action dated May 9, 2001, is believed to be fully responsive to each point of rejection raised therein. Accordingly, favorable reconsideration on the merits is respectfully requested.

Claims 1-6 remain pending in the application. Claim 1 has been rejected under 35 U.S.C. § 102(a) as being unpatentable over the teachings of Aubusson (WO 90/12387). Claim 6 has been rejected under 35 U.S.C. § 103(a) as being unpatentable over the teachings of Aubusson. Claims 2-5, though allowable over the art, have been objected to as being dependent upon a rejected base claim. To expedite prosecution of this case, Applicant hereinabove amends claims 2, 4, 5 and 6 in independent allowable form. Applicant further respectfully submits the following arguments with respect to the rejection of claim 6.

The Examiner has rejected claim 6 under 35 U.S.C § 103(a) as being unpatentable over Aubusson. It is asserted that it would have been obvious to use the materials of this claim, citing Official Notice. Applicant requests that the Examiner to supply a reference teaching the red fluorescent material as described in claim 6. Absent such a teaching in the art, Applicant would maintain that claim 6 is patentable.

Applicant has added new claims 7-9 to describe features of the invention more particularly.

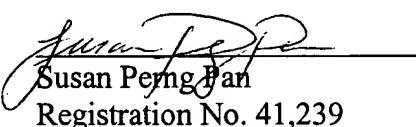
In view of the above, Applicant submits that claims 2-6 and newly added claims 7-9 are in condition for allowance. Therefore it is respectfully requested that the subject application be passed to issue at the earliest possible time. The Examiner is requested to contact the

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undersigned at the local telephone number listed below to discuss any other changes deemed necessary.

Applicant hereby petitions for any extension of time which may be required to maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to Deposit Account No. 19-4880.

Respectfully submitted,

  
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Date: August 9, 2001

**APPENDIX**  
**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

**Please cancel claim 1 without prejudice or disclaimer.**

**Please amend the claims as follows:**

2 (Amended). A color laser display apparatus [according to claim 1,] comprising:  
a laser light source which emits ultraviolet laser light;  
a modulation unit which modulates said ultraviolet laser light;  
a display unit which includes a fluorescent screen; and  
a scanning unit which two-dimensionally scans said fluorescent screen with said  
ultraviolet laser light;  
said fluorescent screen including for each pixel,  
red fluorescent material which emits red light in response to said ultraviolet laser light,  
green fluorescent material which emits green light in response to said ultraviolet laser  
light, and  
blue fluorescent material which emits blue light in response to said ultraviolet laser light;  
wherein said laser light source is a semiconductor laser device having an active layer  
made of a GaN material.

4 (Amended). A color laser display apparatus [according to claim 1,] comprising:  
a laser light source which emits ultraviolet laser light;  
a modulation unit which modulates said ultraviolet laser light;

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a display unit which includes a fluorescent screen; and  
a scanning unit which two-dimensionally scans said fluorescent screen with said  
ultraviolet laser light;  
said fluorescent screen including for each pixel,  
red fluorescent material which emits red light in response to said ultraviolet laser light,  
green fluorescent material which emits green light in response to said ultraviolet laser  
light;  
blue fluorescent material which emits blue light in response to said ultraviolet laser light;  
and  
wherein said laser light source includes,  
a semiconductor laser device which has an active layer made of a GaN material so as to  
emit excitation laser light, and  
a surface emitting semiconductor laser device which has an active layer made of a GaN  
material and formed on a substrate, and is excited by the excitation laser light to emit said  
ultraviolet laser light.

5 (Amended). A color laser display apparatus [according to claim 1,] comprising:  
a laser light source which emits ultraviolet laser light;  
a modulation unit which modulates said ultraviolet laser light;  
a display unit which includes a fluorescent screen; and

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a scanning unit which two-dimensionally scans said fluorescent screen with said ultraviolet laser light;  
said fluorescent screen including for each pixel,  
red fluorescent material which emits red light in response to said ultraviolet laser light,  
green fluorescent material which emits green light in response to said ultraviolet laser  
light,

blue fluorescent material which emits blue light in response to said ultraviolet laser light;  
and

wherein said laser light source is a fiber laser device including,  
an excitation light source which emits excitation light,  
an optical fiber doped with at least one rare earth element which emits a laser beam when excited by the excitation light, where the at least one rare earth element includes  $\text{Pr}^{3+}$ , and a wavelength conversion element which converts said laser beam into said ultraviolet laser light.

6 (Amended). A color laser display apparatus [according to claim 1,] comprising:  
a laser light source which emits ultraviolet laser light;  
a modulation unit which modulates said ultraviolet laser light;  
a display unit which includes a fluorescent screen; and  
a scanning unit which two-dimensionally scans said fluorescent screen with said  
ultraviolet laser light;

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said fluorescent screen including for each pixel,

red fluorescent material which emits red light in response to said ultraviolet laser light,

green fluorescent material which emits green light in response to said ultraviolet laser  
light,

blue fluorescent material which emits blue light in response to said ultraviolet laser light;

and

wherein said red fluorescent material is ZnCdS:Ag, said green fluorescent material is  
ZnS:Cu, and said blue fluorescent material is ZnS:Ag.

**Claims 7-9 are added as new claims.**